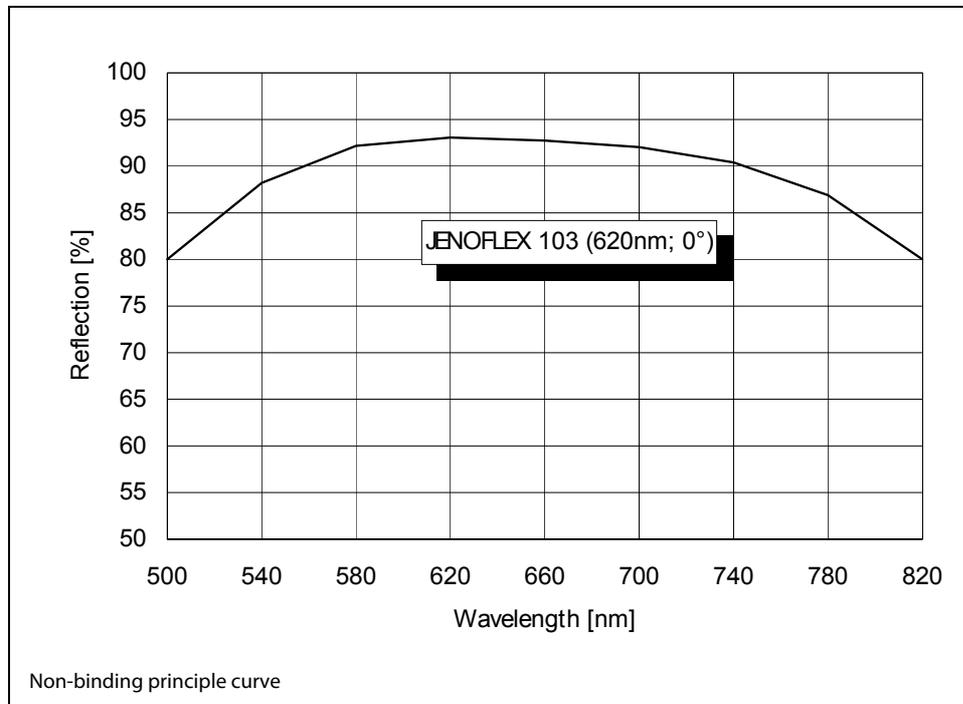


JENOFLEX 103

Enhanced Aluminium Mirror for VIS



Front Surface Metallic Mirror

Optical properties:

$R \geq 92\%$ at the design wavelength λ

$R \geq 90\%$ within a bandwidth of $\lambda \pm 75\text{ nm}$ in VIS

Applications:

JENOFLEX 103 front surface mirror with enhanced reflection has a very good resistance as well as an excellent reflectivity.

It is suitable in the VIS from 400 nm to 700 nm.

Standard design wavelengths are: 450, 550, 650 nm

The angle of incidence is 0° or 45° .

Durability:

Abrasion resistance: MIL-M-13508C, section 4.4.5

Adhesion: MIL-M-13508C, section 4.4.6

Temperature change: MIL-M-13508C, section 4.4.4

Humidity: MIL-M-13508C, section 4.4.7

Salt spray: MIL-M-13508C, section 4.4.8

Substrate material:

Optical glasses, e.g. BK7 or TEMPAX, are typically used.

Maximum substrate format is $210 \times 210\text{ mm}^2$, or a diameter of 210 mm.

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JENOFLEX 103 (wavelength; angle of incidence)